



TESTING AND USE OF EVRGREEN® PRODUCTS

StyroChem Canada, Ltd. has pioneered the first biodegradable expandable polystyrene (“EPS”) resin in the market, EVRgreen®. In December 2015, Eden Research Laboratories, located in Albuquerque, New Mexico, U.S.A. (“Eden”), completed a four-year biodegradation study of test samples of EPS made with StyroChem’s proprietary EVRgreen® resin.

The study utilized ASTM International’s Standard Test Method for Determining Anaerobic Biodegradation of Plastic Materials Under High-Solids Anaerobic-Digestion Conditions, known as ASTM D5511. ASTM D5511 determines the rate and degree of anaerobic biodegradation by measuring the volume of carbon dioxide and methane, or change in mass, as a function of time (days) of exposure to anaerobic-digester sludge. This method is designed to resemble many conditions in wetter or biologically active landfills.

The study recorded the rate and degree of biodegradation of the EVRgreen® sample EPS compared to a test sample of standard EPS, as well as a positive control and a negative control, under similar test conditions. The test results showed biodegradation of 91.9% of the EVRgreen® sample over four years, while the standard EPS degraded only 5.75% over the same four-year period.

Note that the test was conducted under conditions that simulate both wetter and biologically active landfills. Wetter or biologically active landfills may not exist in your area. The stated rate and extent of degradation do not mean that the test sample will continue to decompose.

StyroChem has conducted additional biodegradability tests of EVRgreen® with both Eden and other accredited laboratories, and the results of such additional tests support the biodegradability of EVRgreen® as determined by Eden. The results of StyroChem’s testing cannot be relied upon for the use of EVRgreen® in other expandable polystyrene products or applications without the advice of legal counsel and other qualified experts; each user of EVRgreen® is encouraged to conduct its own testing of its EVRgreen® expandable polystyrene products or applications.

Any distribution, sale or marketing of EVRgreen® products must comply with the laws of the jurisdiction in which the products are being distributed, sold or marketed. **STYROCHEM DISCLAIMS ANY AND ALL LIABILITY FOR ANY MANUFACTURER’S OR DISTRIBUTOR’S FAILURE TO COMPLY WITH THE LAWS OF ITS JURISDICTION WHEN SELLING OR DISTRIBUTING ANY PRODUCTS THAT CONTAIN EVRGREEN®.**


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Date